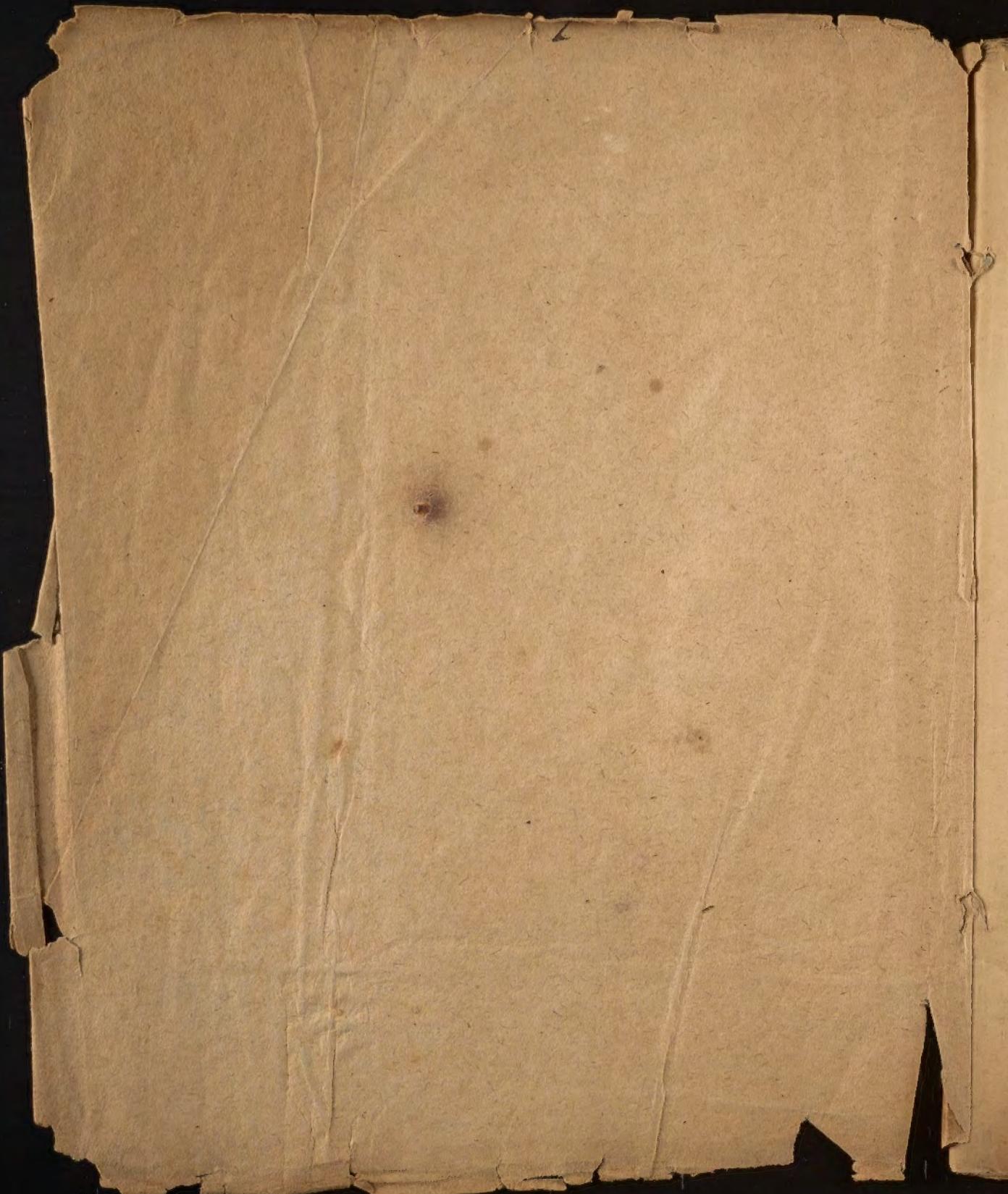


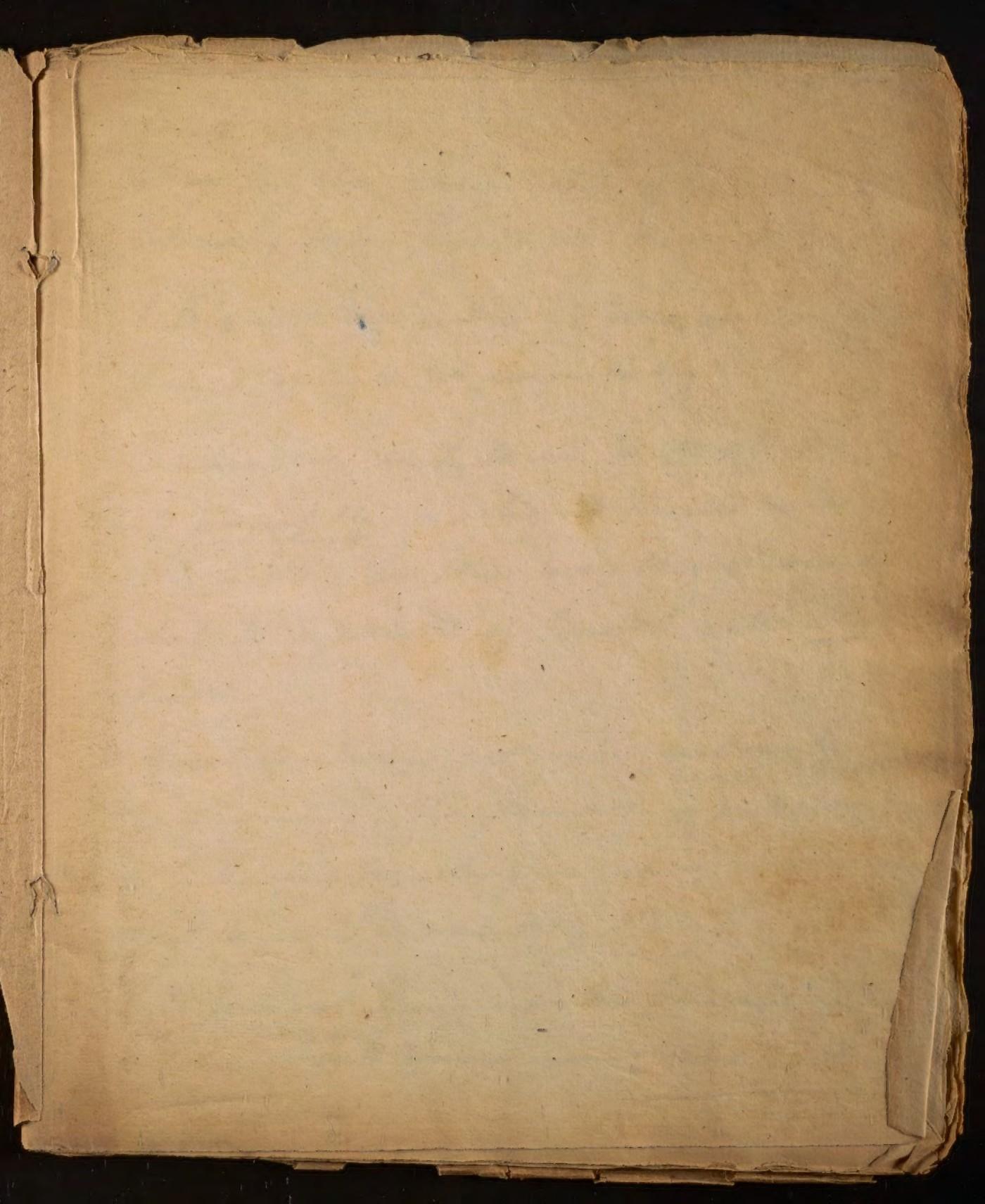
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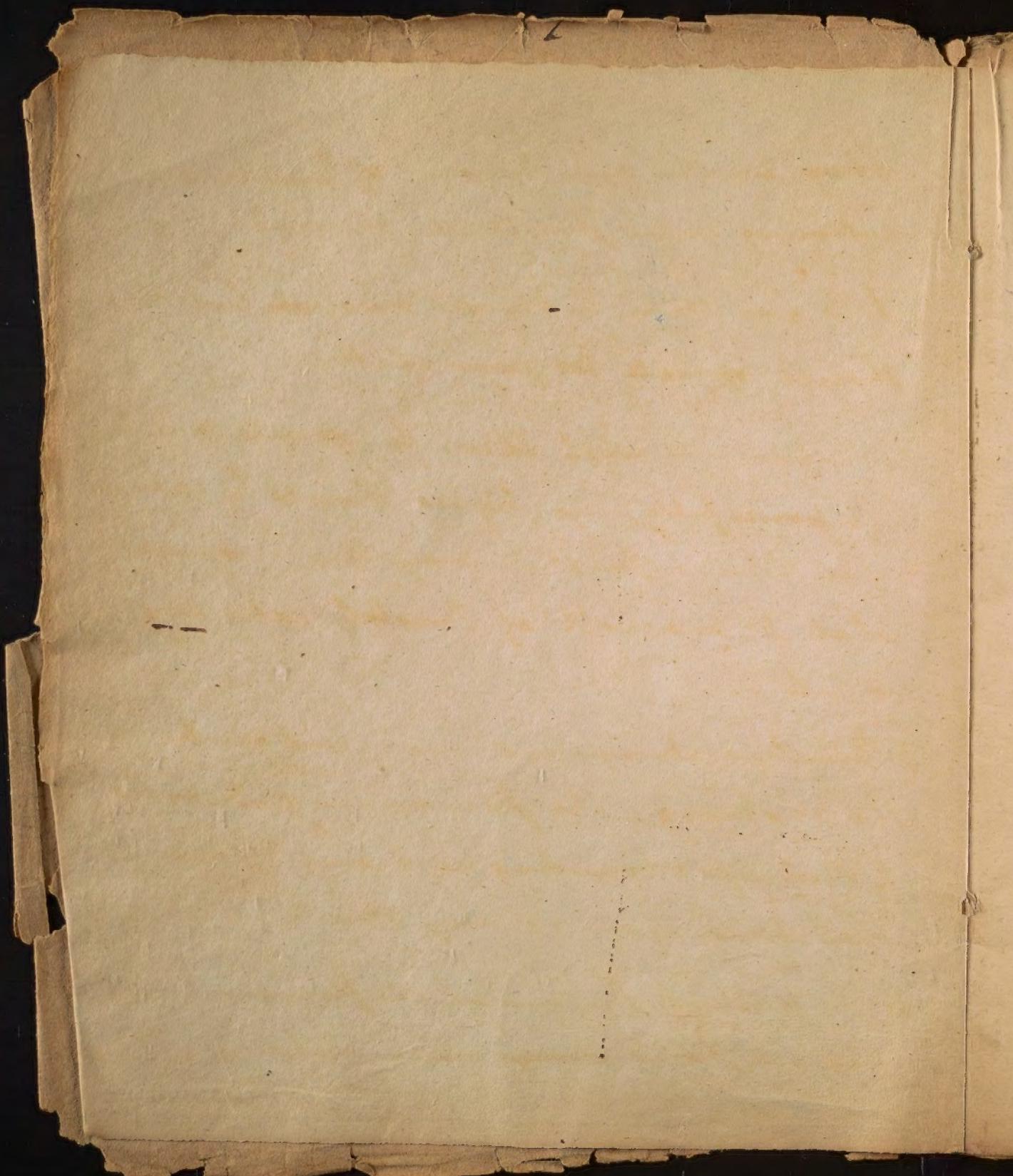
2

On Therapeutics

Geno







Mether

1 In the exhibition of Emetics the following rules should be observed.

1 To give them divided doses, ~~so~~ lest they should operate too powerfully.

2 When we wish them to operate speedily and powerfully, no liquid should be taken after them. In this way they become what Dr Marrotte of Bristol calls dry vomits.

3 Emetics always act most certainly in the morning. The stomach is ^{more} predisposed to sickness & vomiting in many diseases at that time, than at any other.

4 To prevent spasms on the stomach, a patient should always never recline in a lying posture.

Upon the subject of Emetics, I
must add, that where they are
safe, and indicated, we do ~~less~~^{should much more} trouble
with them than by repeating them
every day, or two or three times
a week, than by a single dose in
the beginning of a disease where
an accidental puking from disease
or from any thing offensive taken
into the stomach, it generally continues
from one to three or four days. The
ignorant practice often continue after
the principles which introduced them
~~have passed~~^{are done} away. This is the case with
Emetics. They were given formerly
only to discharge morbid matter
from the stomach, & hence a single

2

5 When an Emetic operates more than we
wish, it may be checked, by a few drops of
Lard: or a Spoonful of Salt dissolved in
a few Ounces of Water.

✓

Emetics are forbidden 1 In all cases of
great Congestion in the Head, and Lungs.
2 In an Inflammⁿ of the Stomach and
Bowels.

3 In the first Stage of all highly inflam^y:
Fever.

4 In the advanced Stage of Pregnancy, & in
Persons subject to, or afflicted with ruptures.

5 In ~~cases~~ all cases of low Chronic Fever, &c
of general debility exceeding acute Disease.

+ cold water acts in two ways. 1 by reducing ~~the~~ the excitement of the capillaries ~~the body~~ when exciting,
2 by exciting them by means of ^{this} ~~reducing~~ so
as to overcome the sedative effects of the water.
The Indian uses ~~water~~ water. I shall call these
~~experiments~~

Very much has been said of the spasmodic actions of the stomach & capillary vessels.

It may be explained upon the principle of continued sympathy, for the stomach, bowels & brain ^{Osophagus} are all enveloped in a membrane which renders them easily impervious by the same stimuli. It constitutes the outward & inward surface of the body.

Supposing when its excitement is divided, inspirations on one part of it tend to equalize its ^{it} excitement. Are the capillaries ^{excited beyond the sweating point?} too highly excited? Inspirations on the stomach abstract from that excitement, & thus open the pores. Are they below the sweating point? inspirations on the stomach convey excitement to them, & thus open the pores.

of Diaphoreticis

They are such remedies as increase the discharge through the pores by sweat or insensible perspiration. They consist

1 of such Remedies as act directly on the skin. They are the sudorificum - ~~the heat~~ ~~the warmth~~ ~~the heat~~ ~~was~~ applied by means of air - water - vapour - sand - & clay to the whole body, - Arose applied to the lungs by covering the head with a blanket - bottles and bricks applied to the feet - cold air & cold water applied to the whole body, also cold water applied in suspension to each other - and lastly rest and exercise. I shall call them external Sweats. +

2 Such remedies as act upon the pores by means of an action excited in the stomach. These act by overeating. They are inducing vomiting & purging. But there are medicines which open the pores without disturbing the stomach. These are Nitre & Impatiuum decoct in small doses.

I shall call them Stomach Sweats

3 Such medicines as determine the fluids from the internal parts of the body to the skin, by acting chiefly upon the stomach & blood vessels. There are Vinegar

~~the latter~~
~~last is called Dried,~~ the former in active Sympa-
-thy.

✓ the sweating point. They had this effect in a moderate degree in the yellow fever of the year 1793 - and hence W, & A 10 were often called not only a gentle purgative but a sweating powder. Pungent chah sweets, but it is only when the Syphon is below the sweating point.

A moistening up on the skin is often more useful than Sweats - Pringle says ^{it} that this is remarkably the case in the close of typhus or jail fever.

adult spirits 4
Wine - the two snake roots & common cold
Lentury - ~~the~~ Dovers powders, & Epsom &
Bristol Smeats
4 such Remedies as act by the stimulus of
Distortion - those are diluting Drinks of all
kinds. — Diluting Sweats
5 Purges. These act by reducing the system to V
This class of Remedies is indicated

1 in all certain cases where a matter foreign
to the blood circulates with it. That ^{this is} ~~certain~~
sometimes the case is evident from many facts.
The miasmata which produce the yellow fever
float in the blood for many days & perhaps weeks
but without mixing with it. Pers & even
honey matter are often diffused in like manner
in the blood, & eliminated from it ~~thence~~
^{by the} kidneys in Urinary excretion. The miasmata of
fevers tend more to escape from the pores
than thro' any other excretory before they
excite disease, hence they are ^{sometimes} ~~perceived~~ in the
discovered by their smell in the Sweats of persons
infected by them. I have seen a curious MS of

✓ The poison of several venomous animals
it is said is expelled from the blood by the
Indians wholly by Sudorific medicines.
~~Dr Elephant tells us that hunting~~

5

medical facts by a Dr Croppfield in which he relates that one of his fellow students in Edinburgh was always cured of the V Disease by a spontaneous discharge of sweat. He once saw him he says soon after a general infection. He had a large chancre on his penis. ~~the~~ The Dr advised him to take 3 - Hr and his friend declined it, relying his reliance upon nature for a cure. sometimes afterwards he saw him in perfect health. - He said his disease had passed out of his system by his pores, and added that the shirt he ~~we~~ had worn during his greatest had become so brittle as not to bear washing without being torn to pieces. — ✓

The Remedies proper to discharge the fuds of diseases from the blood, should be taken from the 1. 3. $\frac{1}{4}$ Clapies. Debliphant informs us that sweating need of any other kind than

I would remark here that as the
use of Diaphoretic Meds, was founded upon
the doctrines of our life & master Donatian,
they are ^{less} meant to give the ~~surface~~
~~of~~ fever has been discovered to be seated in
~~the~~ ^{Blood vessels} instead of the ~~skin~~ blood.

Draughts always did harm in the fevers of
Gumboom. They are happily calculated ~~not~~
only to produce sweat by distillation, but they
blent aerimony in the fluids.

2 Diaphoretic Remedies are proper in fevers where the action of the bloodvessels is so moderate as to forbid Bloodletting. They are indicated in a more especially manner in fevers which have a centrifugal direction - such as the Gout & Rheumatism when they affect the limbs.
The 2.3d 4. Clusters. Stomach & Stomach & Dilating -
3d They are indicated in all diseases of the bowels particularly Colic & Dysentery. The 1.2.4.

External - Stomach & Dilating

4 — In Tropical swellings of the Arasaceous kind. The 2nd Bath cured the A person on board Adm Dampier Vessel in his Voyage round the world.

5 In fevers in which a disposition to sweating is discovered by nature.

~~N~~ a sweat appeared on that part of his
body only which was washed with cold
water.

The following rules should be attended to in
the ~~stitution~~^{use} of diaphoretic Remedies.
I shall divide these rules according as they are intended
~~to~~ ~~from other~~ ~~perspiration, or sweat.~~

To be used as in your Hydrothorax.

- 1 To promote perspiration lying in bed should be recommended. we perspire more in 9 or 10 hours ^{when awake} than in 15 out of it. flannels to be worn next to the skin.
- 2 meals subdivided into five & 6 in day. I ^{remember} took notice of the effects of this practice in increasing perspiration in a former lecture. — 2-3 times in week day, 2 or 3 times in week end, in heat why not 4-5.
- 3 ~~professor~~ ~~to~~ great attention should be paid to the heat of the body in all our attempts to promote sweat. no permanent, voluntary sweat can be induced while the heat of the body is above 108° you saw this in Lawle's case.
- 4 The temperature of the drinks given to excite sweat should be regulated by the heat of the body. They should be cold - when below it is above 108° - warm when below 108°. —

V there are cases in which they should
be withheld. They are proper, as when they
are given to blunt, or evacuate ^{or to induce} ~~any~~ ^{any} ~~any~~ ^{any} ~~any~~ ^{any} ~~any~~
or poisons, & lost in case of ~~any~~ redundant
fluids, from obstructed excretions. They should be
withheld.

~~I~~ Glommer was made next to the skin is
~~one of the best modes of purging~~

5 In fevers - the ~~sweats~~^{should be regulated by the} to be effectual should stage of the disease . In their forming states, they often extinguish them, - when formed, they do harm - if the fever be of a highly inflammat¹ nature .

6 Sweats should be suspended occasionally lest we exhaust our patients too suddenly . Depletion by the pores should require the same caution as depletion by ~~as~~ & abstinence .

7 Great care should be taken to change the linen sheets or blankets when they are impregnated with morbid sweats . They soon become - a fresh remote & exciting cause of febrile paroxysms .

8 It is common to give diluting & ~~tonic~~ ^{or} ~~cardiac~~ ¹ drinks ~~should be given to support patients who are under the use~~ of sweating remedies of any kind . ~~But~~ ^V

No. 12.

I believe they do happen in the typhus
state of fever. Sir Dr. Pringle found this
to be case in the close of the hospital-
fever. A soft skin is frequently
accompanied with the sweat in the
close of this disease. A soft skin is
all that should be looked for in it.

I
9. Uncommon care should be taken to prevent
this being suddenly ^{chilled} by cold air. —

- 1 Diaphoretics are forbidden in all cases of great inflam^d action in the blood & in cases of weak morbid action as well as a state of debility from exhausted excitement & excitability. ✓
- 2 They are forbidden when the weather, without affording any relief. —

I shall conclude by remarking that this very popular remedy is unknown among the natives. They instinctively resort to purges - vomits & even the bleeding, but none of them ever have recourse to a heating medicine.

v liquor fow'd in barrel. The 3 last set more
certainly as a Remedy where they have been in
the habit of acting upon the kidneys in health.

D'Wolft mentions the case of a man in
whom the sound of a ~~long~~ Bugle always
produced an inclination to make water.

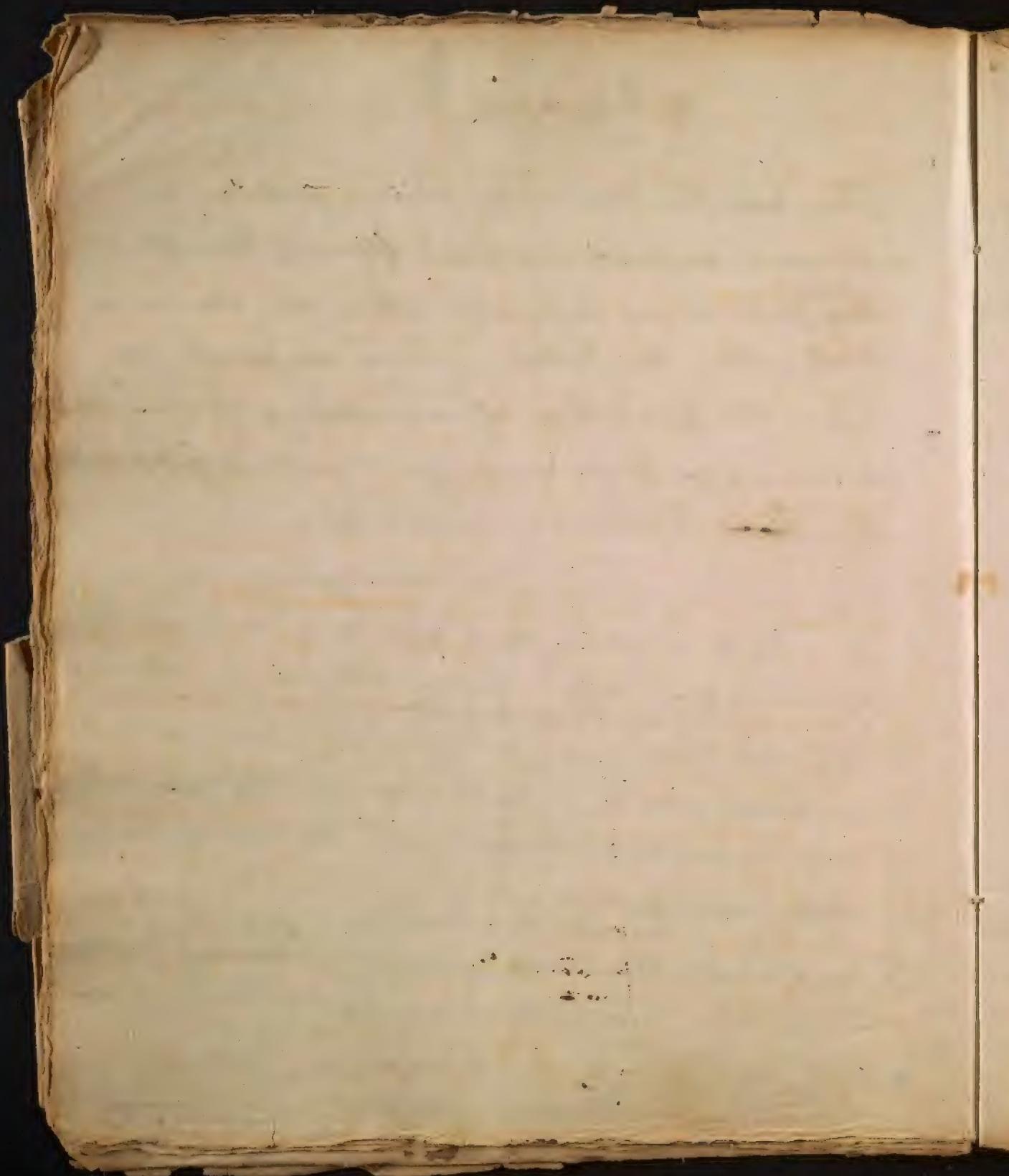
It is possible many people may have a
~~weak~~ similar peculiarity in their constitutions
to certain sounds. ~~This~~ when they are
known we should not fail to avail
ourselves of them to promote the secretion

excretion of Urine. Onions applied to
the parts of the body discharge urine especially
from children are external Diuretics

10
of Diuretics

They are the Remedies which produce a natural, or pretermaternal flow of Urine. The former are indicated, when the Urine is obstructed; the latter - when we wish to lessen the quantity of circulating serum, or to discharge Arid or foreign matters from the blood system. — as Diuretics

- They are 1: cold air applied to the body when a little heated - cold water applied to a part, or to the whole of the body - fear - abstinence - climbing a pair of stairs - descending into a cellar - the noise of a stream of water - 2 Diluting Drinks - more especially such as are impregnated with substances said to act specifically upon the kidneys - such as Parsley - endive - wild carrot seeds - onions - diluting diuretics perhaps kidneys by sympathy thro' the medium of the stomach, — and directly upon the kidneys. — There are salt Tart: succotash of the mineral salts — the vegetable



11

Aids - Squills - Colchicum & Digitaline &c
Horehound - Preparations of Iron. Stimuli
They are indicated Stimulants

1 for dropsy fevers where the kidneys refuse to perform their Office, and where an obstruction of the function of Urine takes place without pain. The 1st Clap is proper here - especially rising in bed according to the practice advised by Dr Sydenham.

2 They are indicated in droppical effusions of all kinds where the pulse is ~~accelerated~~ ^{or other symptoms} disordered marks of great morbid action. all the Claps are proper here - The 1st ^{or external} should be preferred until the system is prepared for the 2nd & 3rd. Fear & Abstinence tho' simple in their nature have often performed wonders in droppies as I shall say hereafter.

3 In Droppies of moderate morbid action. The 3rd especially from chiefly proper here. They are forbidden in all cases where the kidneys are affected with Inflammation - & tertiaried syphilis.

This Sympathy, or Association of Action
exists between the Stomach & lungs themselves
itself very plainly in the Short, & Obstinate
Cough which is often excited in Children by
Worms in the Stomach. — The lungs in like man-
ner act on the Stomach — hence a sucking often
attends a Cough — hence perhaps the inflam². of
the Stomach ⁱⁿ the yellow fever — from Option
not rec'd but not felt by the lungs — &
convey'd to the Stomach. Happily this class
of medicines is less necessary than formerly
from the more liberal use of the lancet
in diseases of the lungs. ³ by ^{forgets} But ~~they~~
they act & helpe upon the lungs ³ by inhaling

~~They are forbidden in all cases where the kidneys are affected with inflammation.~~

I have included Expectorants among the stimulants which indirectly act as sedatives or medicines used to lessen morbid excitement by removing certain matter from the body. They are employed to discharge mucus & phlegm - spus from the lungs. ~~They act~~
~~upon the lungs thro' the medium of the~~
~~Trachea ^{in passing into the stomach,} and~~² ~~to this~~
~~the medium of the stomach in which~~
~~some of them act by exciting an action which~~
~~suspends or excites an action in the lungs. ✓~~
~~get opposite p: 12~~

They are 1. Demulcents as flaxseed & brown tea, Barley water - Lignosice - sugar - honey, & vapour alone, or impregnated with Vinegar - horseradish &c - & Seneca root.

a Vapor from the Stomach which insinuates itself into the Glottis, and thus stimulates the Lungs by coming in contact with them.

Vol: Salt - Tar - garlic - & Oil of amber act in this way. ~~They~~ ^{are} given ~~out~~ ⁱⁿ paper out of the mouth ^{as} Wine
& remedy acts ~~by~~ ⁱⁿ ~~the~~ partly by ~~reunited~~ ^{spirit}.

Upstretly by ~~that~~ ^{inverse} sympathy which ~~exists~~ ^{by exciting} the Skin, diffuses action in the lungs. - hence they are ~~most useful~~ ^{most useful} where there is cough for the same pellicle which extends without expectoration.

over every external part of the body ad the alimentary canal from the pharynx to the Rectum, extends likewise ^{the} ~~it~~ ^{to} all the windings of the bronchial Vessels in the lungs,

In contiguous Utens. It should be used only in a languid state of that viscera. Remedies should be different according to the obstruction is acute, or chronic, or attended ⁱⁿ great or subtle action, or torpor in the vessels of the Utens. They may all be known by the state of the pulse, which I have observed to

26.

2 Unctuous & uncoating medicines, such as
grills - Gum: Tinct Unct: & Fructa. —

3 Volatile salt - emulsified whey - Tar - Garlic
Ariums ~~the vapor~~ of the smoke of Tar & brim - & the smoke
of Bees wax & Rosin. — also Bistort. By the last ✓
They are indicated

1 In pneumoniae - Catarrh & pulmonary
^{Hæthma th} consumption: w: inflam^g symptoms. nos. 1. 2.

2 In to the same diseases, accompanied with
weak morbid action in the lungs. n^t 3.

Emmenagogues

I know of none ~~to~~ introduced this class of
medicines into my Therapeutics in conformity
to custom, for I know of no medicine that acts spe-
cifically upon the uterus in promoting the secretion
of menstrual blood. Much has been said of madder
as a specific Emmenagog; but I can say nothing
in its favor, from my own experience. Aloes
promotes the process only by the stimulus it
imparts to the action being extended to the U.

They consists 1. of such things as act slowly
such as Spanish, & some other flies - The eggs
~~do~~^{do} of ~~not taste~~ the ~~to~~ inner bark of
certain trees - of the roots of certain plants,
The Epispestic quality of flies is said to reside in their wings.
2 and of boiling water. of any application
which acts suddenly ^{as} ~~as~~ this, denoted by
how applied. See Distich, latter.

= sympathize in a remarkable manner
with the actions of the womb. In great morbid
excitement vs. purges & Abstinence are
the proper Remedies. For weak excitement,
~~or~~ torpor of the Repels - the Remedies should be
Chalybrates - exercise - and matrimony.

Blisters

This class of Remedies is employed ~~chiefly~~
~~and especially~~ ~~of~~ ~~the~~ ~~skin~~ ~~and~~ ~~to~~ ~~discharge~~
~~the~~ ~~blood~~ ~~from~~ ~~the~~ ~~pores~~ ~~by~~ ~~inflaming~~ ~~the~~
~~skin~~, ~~and~~ ~~thus~~ ~~producing~~ ~~an~~ ~~effusion~~ ~~between~~
~~the~~ ~~cutis~~ ~~&~~ ~~Cuticula~~. ✓

- They are indicated in general diseases of a moderate action in which cases they deplete from every part of the body. To do service - a great number of them must be applied at the same time.
- The 3rd proper
- 2 In local congestions - in the head - breast - stomach & joints. the 4th
 - 3 In ~~sudden~~ diseases in which congestions occur suddenly, and threaten to form throbs affecting vital parts - the sudden extinction of life. n° 2. by a funnel -

The following rules shd. govern us in the use of this class of Remedies.

1 To suffer the Blister to lie on the body till

V 4 In dry scalded Diseases, it is of
little consequence to what parts of
the body Blisters are applied. like
as in similar cases, they discharge alike
from nearly every part of the body.
¶ They seldom ~~rarely~~ ^{rarely} do much service
Diseases of the bowels, Stomach, Liver, or
Spleen except where those parts adhere firm
inflammation to the external integuments of
the body. & without this adhesion, there is
no sympathy from contiguity, & in a circum-
-tent posture of the body, none from conti-
-guity.

or head & neck -
5 ~~For so~~ In malignant fevers where
there is a great tendency to gangrene, they
~~should be applied to the~~ ^{should be applied to the} high & hot parts

it produces a ~~pernicious~~ discharge, or in common language still it rises, it will be even for 24 hours. But, it may be taken off in 4. 6. or 8 if it rises within those hours.

2. Blisters to the head - never rise - they discharge from by a gentle oozing. Blisters will not be taken off from the head in less than 24 hours. Sometimes rise best, near or not on the diseased part. see them on pain.

3. Blisters seldom ~~or~~^{or 3rd discharge ~~matter~~^{much} after the 2nd dressing. It will be better (when depletion is our principal object) to apply fresh blisters than to keep old ones running matter for 2 or 3 days.}

4. Disease ^{near part} to be relieved first -

They are forbidden 1. in disease of great mor-

bid action & 2nd in diseases of weak morbid action. There is a precise point of disease action in which they are only proper, ~~it is~~ in general diseases. In fevers without much local determination - that point is in the typhoid state of the pulse. In

VI There are cases where Blisters are applied at what I have called the blistering point, they discharge serum only. When they are applied above ^{this point} ~~it~~ - they produce a sore, which soon secretes pus - when they are applied below it - they either do not rise ^{at} all - or they induce gangrene. We sometimes see them discharge serum ^{at first} - then pus - this is favourable, as it shows the system to have risen to the suppulsive action again we see them discharge serum and then a blackish ^{shows} humor; this is unfavourable; as it shows the system to have descended from the blistering point to the gangrenous point. There are Diseases I shall say here after which require Blisters before the system descends to the blistering point. Internal suppuration

29

Cases of great local congestion - they may be applied in the synochoid - synochula - & even
Synocha states of the pulse. ✓

They are forbidden in habits highly irritable,
& in persons subject to suffer much from the
frightened sometimes induced by them.

~~If they are forbidden, or should be used with
great caution in pregnancy!~~

= are often applied with advantage
and then are best effected by blisters when
they are applied before the system
descends to the point of serious effusion. In
~~the common~~ Dropsies ~~not inflamed~~ they
do most service when they discharge serum
only. ~~The sympathy of actions is of~~
great consequence in both these cases.

V all act - directly, or indirectly by equalising excitement, and thus in this, we have found the restoration of a diseased body to health consists. — **O** ne below.

+ more issues - , because they produce some irritation which produces a similar effect action & 2 from the ^{invege} Sympathetic ^{Conducter} of the Skin with the lungs - ^{produc} excitement of the Skin, lessens excitement in ^{the} lungs. It parts destined to important functions as walking &c.

O I have thus mentioned the Remedies for disease in its ^{Latent} & sensible forms. — Below nearly all the same remedies are required when Diabolus descends to oppression, or Suffocation. Treatment, ^{return} ~~return~~ —

This class of Remedies is intended to lessen the quantity of fluids in the body by discharging them in the form of pus from Artificial Jars. — They are ~~not~~ Ipus properly so called - fetous - and perpetual Blisters. The

They are indicated 1. In all cases where a gradual abstraction of redundant fluids is required - as in plemon^o Consumption^{and} a tendency to diseases of fulness in the brain. In those two old issues I have preferred perfect blisters to ~~the~~ com.
2. In local congestions - where danger arises from fulness & pressure upon parts essential to life.
3. In cutaneous humors - on exposed parts. or
After the system has become habituated to them, they should be ~~not~~ treated with great caution & never without substituting some general, or local evacuation in their room.
With this we finish the 1^o head of our Remedies, & the 5th of our syllabus. V This

not

V It will be necessary to name all the medicines which belong to these classes.
~~Every kingdom of nature has produced forth~~
~~from~~ ~~for~~ ~~the~~ ~~rest~~
~~you~~ ~~will~~ ~~find~~ ~~them~~ ~~in~~ ~~D'Ullens~~
which ~~them~~ ~~from~~ ~~the~~ ~~Professor~~ ~~of~~
Nat-medica. They are derived as you will
see from the vegetable ^{mineral} animal kingdoms
from Airs and waters ^{from thy passions,}
and from a hundred
of the acts of ~~the~~ man. I shall occasionally
mention a few of the most powerful &
useful of them, and mention likewise some
of their subdivisions.

— but they require a different mode
of application. They must be applied
gradually, — This will be necessary for two
reasons ; to ascertain whether the system
be opposed, or prostated, — if prostated,
the less stimulus we abstract, the less
we injure the system — and if opposed,

31

of which all are
stimulating Remedies.

These Remedies have been subdivided into many
Classes. I shall divide them into 2 - viz stimu-
lants properly so called - by which I mean
such medicines as are given in a diseased state
of the body for the purposes formerly mentioned
of reducing the system by depletion, or for exciting
actions ^{in ways} to be mentioned hereafter. By Tonics
by which I mean Medicines intended to act upon
strength to the body predisposing, or subsequent
debility of diseases. — I need not repeat to

~~You that they both act by~~ ^{the former} I need not repeat
to you that they both act by converting excitab.
into excitement, when they ~~can~~ cure diseases
without abstracting any portion of fluids

from the body: ^{I bathe the reverse.} It will be sufficient here barely to
say is it necessary that I should repeat
~~any more~~ ^{repeat} ~~to you~~ that different Stimulants act differently

So we prevent the two sudden, or
convulsive ~~and~~ resuscitation of excite-
ment. & I shall say hereafter Stimulants
should be ~~not~~ applied gradually. The
same advantages attend the gradual
abstraction of Stimuli. This principle
will be illustrated in many of the diseases
~~which~~ are to be treated of in the practice of
Physic. I have said nearly all the Stimulants
are proper in the suppressed state of the
system that are proper in open & sensible
~~& malignant~~ morbid excitement.
Cold water is always improper when there
is an absence of heat which is often
the case in suppressed excitement. If
cold fuchs were chills in yellow fever.
and only by Dr. - sponge. ~~etc. etc.~~ p. 1031

~~stimulating the~~
I cannot dismiss this class
of medicines ==

upon different parts of the body. E.g.: Bitters
 and act ^{chiefly} ~~on~~ the Stomach - astringents on the
 bowels - Bark on the blood vessels - mercury
 on lymphatic Glands - and ~~Opium~~ ^{Lead} Oil of
 wormes on the muscles - Aperients on the
 nerves - and Wine & Opium upon ~~all~~ every
 moveable fibre in the body.

I shall first take notice of
~~I conclude from the Clap of Remondis now~~
under Consideration ~~all~~ those Stimulants w:
 destroy morbid action by their explosive force.
 They have been improperly called Potatives.

They act by destroying the irritability of the
 blood vessels and muscular system. ~~Digitalis also~~
~~also Digitalis - Alkalies and to do with~~
~~poison of Lead, & several of the poisonous plants~~
~~- poisons~~
~~late introduced into medicine, act in this~~
~~way:~~ This operation is analogous to that
 of sarcasmatia when they produce malignant
~~pus~~, or when they ~~provoke~~ ^{excite} the Lymph below

✓ In Hemorrhages and Epilepsy the following
have sometimes proved useful where Repeating
remedies have been used to no purpose, in
keeping the irritability of the Arterial & nervous
systems.

— without suggesting to you, their great importance in medicine. This will appear when we gettend to the different issues of ~~nature and practice~~ ^{and by physicians who follow her, and} but science the aspirations of Science in the treatment of acute Diseases. While the diseases which require sedatives or desolitons, are left to the care of nature ^{and by Voluntaries,} & ~~the~~ ^{as} depends the excitab^y of the system ^{is increased} without reducing its

The laws in which
the point of reaction. These remedies are
proper are but few, the
^{direct} sedatives ~~are~~ should generally be preferred to
them. They ~~are~~ even where they depress
the system, they seldom cure, without the
subsequent aid of stimulating & tonic remedies.

- ~~However all the best~~ ^{Opium, or} The consumpt.^{ion}
Dropsy when relieved by ^{has} Digitalis have generally
returned where this ^{not} been the case, in
the course of a few weeks or months. ✓

Again ^{today} ~~dangerously~~ This is ^a mode of using
~~food & digitalis~~ ^{after} ~~dangerously~~ are sometimes given
stimulants on which it is impossible
upon me to decide before I proceed any further,
and that is to exhibit them in such a
manner as to reduce great morbid ex-
citement. ^{by wasting the} by ^{by} depressing Stimulants have
acts like exercise & labor. They waste the

excitement by fruitless morbid actions, &
which leave ~~and~~ the body in a ~~strictum~~^{more dead} state
or full of obstructions. In these
cases, - ^{stimulants} remedies can do nothing, - for
they have no excitant to act upon,
^{not only} hence the origin, but the mortality
of chronic diseases. Very different is the
case of acute Diseases where depletion
or restorative remedies have been used.
They reduce excitement - they prevent
effusions & obstructions - and they ^{accumulate} return
with a stock of the excitability of the System, as to enable
the excitability ^{by acting immediately upon it to} remove the
stimulants ~~which predisposing~~
predisposition, and depleting remedies to which
the predisposition or the depleting remedies
had left upon the System. I am sure
that Dr Sydenham understood this
principle in the best when he urged
the use of depleting ~~remedies in all~~

W^t & W^t Darrow calls ^{3d} the
excitability of the system in an accelerated
manner, and for example: - Varietions have
caused a violent inflam^mation - hard labor
seen toxic madness - and the hot cold baths in
Europe (After the Indian manner) ^{have caused} an acute
fever of great morbid action. These Remedies always
do violence to the Constitution, & are never safe
where the blood vessels are affected, in common habits.

~~They are in~~ ^{like} to a violent fever, what breaking
~~the hinges of~~ ^{instead} ~~open~~ ^{open} a door is compared with ~~turning~~ ^{turning} a key, in order to open it. So these
are ~~excessive some diseases~~ Duplicating remedies? -
be preferred to them, as more safe, & certain, tho'
less rapid in their operation. There are however
instances of diseases which are removed beyond
the influence of depletion. The Tetanus is one
of them. Here ~~flannel~~ Opium - Wine - Spots
& Bark perform a cure by prostrating the
excitement, and expending the irritability of the

✓ They are most safe in muscular Diseases, for
in them the bloodvessels are generally free of disease &
again there are Diseases which yield
alike to depleting & stimulating Remedies.

These are generally the moderate grades
of Bilious fever. They are often cured with
equal certainty by its purges & by large doses
of Bark. —

+ They are safe too in certain
diseases of Contingual direction as Rheumatism
etc.

= violent or acute Diseases, but I am
sure he ~~had~~ followed the practice founded
upon it - hence we observe - he never
prescribes a stimulating or tonic Med.
without preparing the body for it by
bleeding or a purge. The ^{excitability} of
the system was thus accumulated,
by which means
his stimulating & tonic medicines
then acted with certainty - forced
success.

Return to p 31. ~~at~~
There being in the four or five ways
as mouth - nose lungs - bowels either in ^{or} sedatives all
these

~~Syntom~~ muscular system. ³⁵ V

There has been a good deal of difficulty, and some controversy, in determining when to begin the use of Stimulating Remedies, &c. I mentioned this formerly. The stage of the disease, and the previous exhibition of depleting remedies should always be taken into consideration. But vigilance should be placed chiefly upon the effects they produce upon the body. ~~and more especially the pulse.~~ If they excite distressing heat - or pain ^{or a sense} - or fulness in the head - breast, or bowels, &c and above all, if they bring on greater ~~greater~~ frequency, with weakness in the pulse, it is a sign they have been ~~given~~ given prematurely, and it will be necessary to refrain from their further use. If on the contrary, they ~~do~~ ^{produce} none of the above effects, and ~~chiefly~~ if they impart ~~signs to the system~~ fulness & show ness ~~they are~~ to the pulse, they are perfectly safe,

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they are ³⁷ alive passed in the
I have without exception of this plants
prostration of the system
sometimes given by Amp does good.

✓ I acknowledge this rule is applied chiefly
to diseases in which the arterial system
is affected. In diseases of the other systems,
we are often left without any guide to
determine upon the dose of stimulant, or
the part to which it shd be applied. Could
^{discover} an instrument to measure the quantity
or grades, & state of excitability in the different
systems of the body, would deserve more from
the world, ^{than} the discovery of the solar system,
- Did I know ~~this~~ Gladly would I embrace
the fact of such a benefactor to mankind -
and But until such a discovery can be
made we must rely as I said formerly
upon ^{our} experience from the resemblance
of diseases, & upon actual experiment.

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and may be continued with every probable
expectation of advantage. ~~Some of~~
~~messengers case in typhus & you saw this in~~
~~Consumption in 1805~~
~~# # we shall now proceed now to mention the~~

manners in which Stimulants should be

given when they are intended to act directly
upon the system, ~~This leads us to the 6th~~

~~article in our syllabus which includes~~

~~those stimulants + this is an important~~
~~part of our course, & requires the closest~~
~~attention. go to p: 16 of old lecture n^o.~~

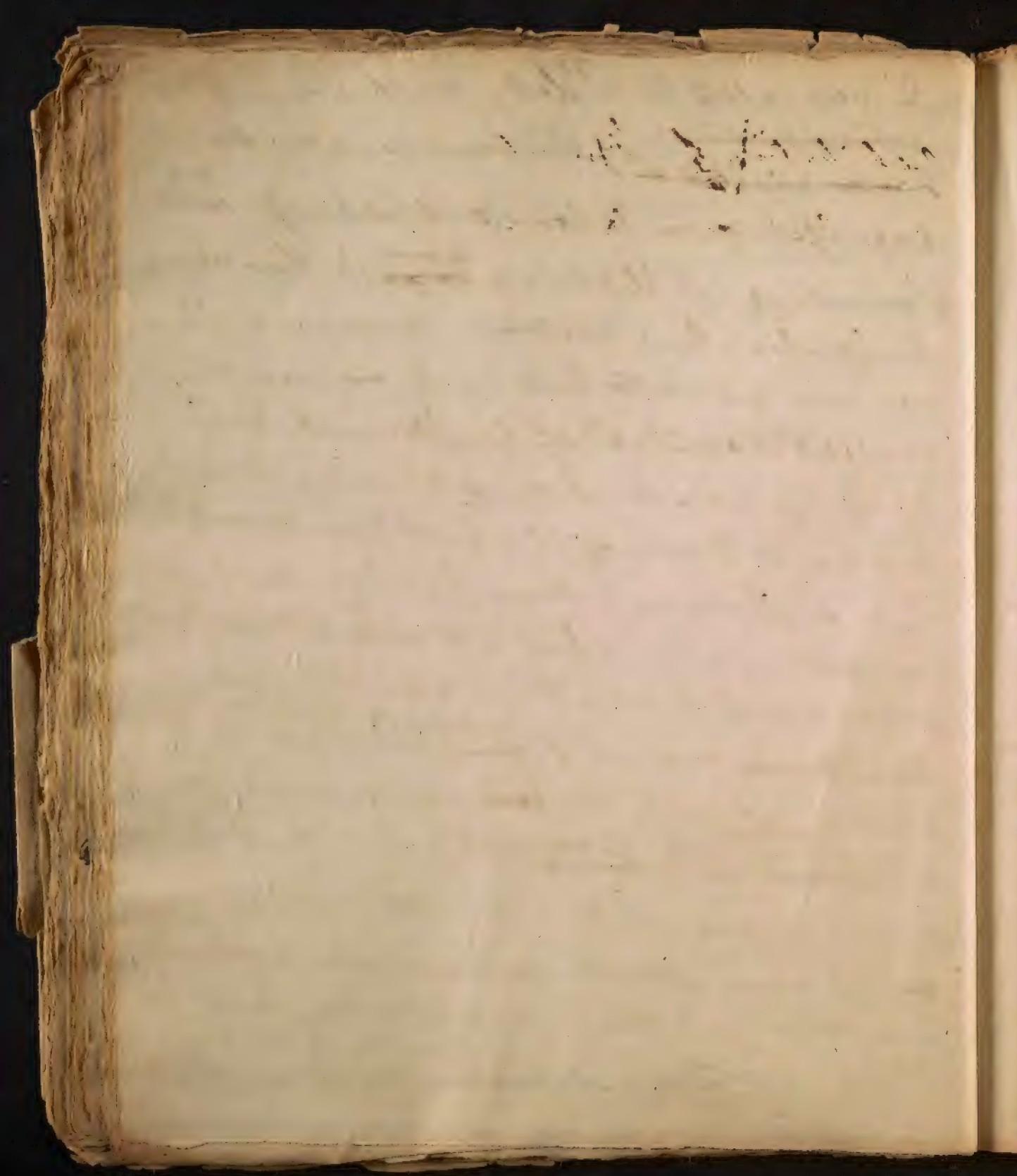
D This leads us to ~~the~~ 6th article in
our syllabus. viz to consider the med.
which destroy morbid action at once if quantity or
which remove morbid action by exciting
other parts - or stronger, or less diseased action in ^{the} ~~affected~~
~~diseased part, or in some part of the~~
~~body.~~

These are ~~med~~ are direct
stimuli. The following directions ~~are~~
to be followed for this purpose.

the exhibition of stimulants. We may
 thus find out both the appropriate dose
 & the appropriate place to apply ~~this~~^{it}. Some
 of you saw the effects of my ignorance of
 the state of excitab^y in Jef: White at the
 hospital a few days ago Jan^y 1808. I gave
 him 30 drops of Llond. at bed time to com-
 -pense a cough which ~~had~~ followed a pro-
 -mory. It ~~excited~~ not only kept him
 awake, but excited his system so much
 as to under U^t mercury next day. Ten
 drops would probably have induced sleep,
 and relieved him afterwards. In the month
 from ~~Dec~~^{of} Jan^y 1808 I ^{was} more
 successful in ~~discovering~~ ^{accustoming} ~~an~~ ^{the} patient
 to the least excitable grade of excitab^y.
 After taking ~~it~~ ^{it} daily three days in w^{ch}

I was called to a ³⁹ Lady with an inflam-
~~colic & pain~~
~~decomposed~~ ⁶⁰ of the bowels, attended with
exquisite pain & constant sickness ~~and~~
Vomiting. I bled her 3 ~~days~~ ^{times}, & thus reduced
her pulse, but the pain continued. Blood
was now indicated, but such ~~as~~ was the
visceral & excretal ^{of} her stomach, & so
distressing were the sickness & pain that I
believe 10 drops of it would have convulsed
her or perhaps destroyed her life. She could
bear nothing upon it but cold water & that but
a茶 powerful at a time. In this state of
horrible patient I ~~intended to be given~~ ^{return to p 36}
of Oyster. Happily the low bowels were in
a ^{violent} ~~natural~~ ^{injuring} state of excretal ^{of} and that to
such a degree as to bear 150 drops of blood
in 3 successive injections which relieved
her pain, and thus completed her recovery.

There is ~~another~~ note in the



~~exhibition~~ of Stimulants, which deserves
our Attention, and that is

